

## ABSTRACT OF THE DISCLOSURE

A mass flow rate measuring process measures the pressure on a mass flow rate measuring device. The mass flow rate measuring device works on the Coriolis principle and has a measuring line whereby a tension sensor is provided and the tension sensor is  
5 attached to the measuring line in such a way that the mechanical tension of the measuring line can be recorded with the tension sensor. A pressure signal output facility is also provided, the tension sensor is connected with the pressure signal output facility for transmitting a tension signal thereto and a pressure signal ascertained on the basis of the tension signal is outputtable by the pressure signal output facility. In this way, a Coriolis  
10 mass flow rate measuring device is provided, with which an additional parameter, i.e. the pressure of the medium flowing through the measuring line, can be recorded.